

SUPPLEMENTAL AFTER FINAL  
June 21, 2005

JP919980804US1  
Serial No. 09/681,788

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (previously presented) A portable fax machine, comprising:

a pen-based input device, comprising a writing pen and a writing pad, enabling a user to write documents for fax transmission on the writing pad by means of the writing pen, wherein said input device is capable of generating data representative of the moving trace of the pen-based input device and of recording a user's written input in a strokes data format, each stroke comprising a series of position coordinates of pen-based input device between a pen-down event and a pen-up event;

an encoder for transferring the stroke format data representative of the moving trace of the writing pen into fax data format, said encoder comprising:

a data filter filtering the data generated by the pen-based input device to extract the stroke data represented by x and y coordinates, and

a format generator transferring the stroke data into data in the standard fax data format by interpolating, sorting and encoding and wherein said format generator batch processes blank lines between non-blank lines during the encoding procedure;

a dialer for inputting the fax number of a destination to set up a connection herewith; and

a fax transmission device for transmitting to the destination the data in the fax data format output from the encoding means.

2. (original) A portable fax machine according to claim 1, wherein said pen-based input device is a general handwriting digitizer.

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3. (original) A portable fax machine according to claim 1, wherein said pen-based input device is a device integrating a handwriting digitizer with a traditional paper-based record making system.

4 – 5 (canceled)

6. (original) A portable fax machine according to claim 1, wherein said dialing means is provided in the writing pad in the form of a keyboard.

7. (original) A portable fax machine according to claim 1, wherein said dialing means is provided in the writing pad in the form of a software-defined dialing area comprising selectable buttons displayed in a GUI in the writing pad and program code responsive to selection of one of said buttons by the writing pen.

8. (previously presented) A portable fax machine according to claim 1, further comprising a PC software interface for archiving the fax documents and accepting a fax template defined by the user.

9 – 10 (canceled).

11. (currently amended) A computer system comprising:

a pen-based input device, comprising a writing pen and a writing pad, enabling a user to write documents for fax transmission on the writing pad by means of the writing pen, wherein said input device is capable of generating data representative of the moving trace of the pen-based input device and of recording a user's written input in a strokes data format, each stroke comprising a series of position coordinates of pen-based input device between a pen-down event and a pen-up event;

an encoder for transferring the stroke format data representative of the moving trace of the writing pen into fax data format, said encoder comprising:

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a data filter filtering the data generated by the pen-based input device to extract the stroke data represented by x and y coordinates, and

a format generator transferring the stroke data into data in the standard fax data format by interpolating, sorting and encoding and wherein said format generator batch processes blank lines between non-blank lines during the encoding procedure;

a dialer for inputting the fax number of a destination to set up a connection herewith; and

a fax transmission device for transmitting to the destination the data in the fax data format output from the encoding means.

12 - 18 (canceled).